

ABSTRACT OF THE DISCLOSURE

Provided are a message brokering systems, computer
program products and methods for communication in a
publish/subscribe environment in which publisher
application programs send messages to subscriber
application programs via one or more message brokers, the
method comprising the following steps: responsive to
receipt of a published message at a message broker,
referring to characteristics of the received message and
subscriber-specified quality of service requirements to
determine an appropriate quality or service for onward
transmission of the message; selecting a communication
protocol in accordance with the determined quality of
service; and transmitting the message using the selected
communication protocol. Information relating to the
quality of service requirements of a first message
broker's subscribers is passed to other brokers and
subsequently used for selection of an appropriate
communication protocol for transmitting messages between
the brokers.